

Ngiti - solution

Task 1:

- a) *atdí* 1
- b) *otsi d̀̀ ɔyɔ* 14
- c) *wǎdhi* 32

Task 2:

- a) 13 *otsi d̀̀ atdí*
- b) 19 *àbà-vi*
- c) 28 *àdzòro*

A short explanation: The traditional Ngiti numeral system is based on the multiples of 4: *àrù* means 8, *otsi* 12, *àbà* 20, *àdzòro* 28 and *wǎdhi* 32. Starting from an expression for a multiple of 4, X, one can deduce expressions for X-1 (*X-vi*), X+1 (*X d̀̀ atdí*) and X+2 (*X d̀̀ ɔyɔ*).

We remark that the numbers 1–10 in Ngiti have their own expressions not necessarily following the system highlighted above, and that there are no traditional expressions for numbers higher than 34.